

AMENDMENTS TO THE CLAIMS

Claims 1-5 (Canceled)

Claim 6 (New) A vehicle with an adjustable wheel base, comprising:

 a main frame connected to a vehicle seat including a front portion joined to front wheels at one end of said main frame in a longitudinal direction of the vehicle;

 rotating arms comprising upper ends and lower ends, said upper ends rotatably connected to locations of said main frame positioned farther away from said front portion than locations of said main frame that are connected to said front wheels, and said lower ends being connected to rear wheels;

 an operating apparatus comprising an installation portion pivotally connected to said main frame, and an operating portion interposed between said installation portion and said rotating arms and configured to move with respect to said installation portion; and

 wherein said rear wheels are moved longitudinally relative to said front wheels due to the driving of said operating apparatus urging a position between the upper and lower ends of said rotating arms and rotating said rotating arms about said upper ends, causing a change in the adjustable wheel base; and

 wherein an inclination of said vehicle seat connected to said main frame is changed in cooperation with said change in the adjustable wheel base.

Claim 7 (New) The vehicle with the adjustable wheel base according to claim 6, including an operating link that comprises a pair of sub-links comprising a first sub-link and a second sub-link;

 wherein one end of the first sub-link and the second sub-link is rotatably connected together via said operating portion of said operating apparatus;

 wherein an other end of said first sub-link is rotatably connected to said main frame, and an other end of said second sub-link is rotatably connected at said position of one of said rotating arms.

Claim 8 (New) The vehicle with the adjustable wheel base according to claim 7,

including a secondary operating link that comprises a pair of secondary sub-links comprising a first secondary sub-link and a second secondary sub-link;

wherein one end of the first secondary sub-link and the second secondary sub-link is rotatably connected together via said operating portion of said operating apparatus;

wherein an other end of said first secondary sub-link is rotatably connected to said main frame, and an other end of said second secondary sub-link is rotatably connected at said position of an other one of said rotating arms.

Claim 9 (New) The vehicle with the adjustable wheel base according to claim 8, wherein said operating links are disposed to an outside of said main frame in a transverse direction of said vehicle; and

wherein said operating links are joined together in said transverse direction via said operating portion of said operating apparatus.

Claim 10 (New) The vehicle with the adjustable wheel base according to claim 9, wherein said operating portion of said operating apparatus comprises:

a male screw member that is threaded on an outer circumferential surface and rotated by an electric motor, and

a female screw member that is threadably engaged with said male screw member and is connected to said operating links so as to be unable to rotate relative to said main frame about said male screw member;

wherein said female screw member moves linearly on said male screw member due to a rotation of said male screw member.

Claim 11 (New) The vehicle with the adjustable wheel base according to claim 10, wherein the vehicle further comprises:

an upper arm including an upper arm upper end and an upper arm lower end;

a lower arm including a lower arm upper end and a lower arm lower end;

wherein said upper arm lower end is rotatably connected to said lower arm upper end;

wherein said upper arm upper end is rotatably connected to a location of said

main frame that is positioned farther away from said front portion than said locations of said main frame joined to said rotating arms;

wherein said lower arm lower end is connected to said rear wheels.

Claim 12 (New) A vehicle with an adjustable wheel base, comprising:

a main frame connected to a vehicle seat including a front portion connected to front wheels at one end of said main frame in a longitudinal direction of the vehicle;

a pair of rotating arms comprising upper ends and lower ends, said upper ends rotatably connected to locations of said main frame positioned farther away from said front portion than locations of said main frame that are connected to said front wheels, and said lower ends being connected to rear wheels;

an operating apparatus comprising an installation portion pivotally connected to said main frame, and an operating portion interposed between said installation portion and said rotating arms and configured to move with respect to said installation portion;

a pair of first sub-links with one end pivotally connected to said operating portion and an other end pivotally connected to corresponding said rotating arm at corresponding positions of said rotating arms;

wherein said position is between said upper end and said lower end of corresponding said rotating arm;

a pair of second sub-links with one end pivotally connected to said operating portion and an other end pivotally connected to said main frame at corresponding locations of said main frame; and

wherein said rear wheels are moved longitudinally relative to said front wheels due to the driving of said operating apparatus urging said rotating arms via said pair of first sub-links and rotating said rotating arms about said upper ends, causing a change in the adjustable wheel base; and

wherein an inclination of said vehicle seat connected to said main frame is changed in cooperation with said change in the adjustable wheel base.

Claim 13 (New) The vehicle with the adjustable wheel base as in claim 12 wherein said operating portion is moved via a pressurized medium.

Claim 14 (New) The vehicle with the adjustable wheel base as in claim 12 wherein said operating portion is moved via an electromagnetic actuator.

Claim 15 (New) The vehicle with the adjustable wheel base as in claim 12 wherein said adjustable wheel base corresponds to a traveling speed of the vehicle.

Claim 16 (New) The vehicle with the adjustable wheel base as in claim 12 wherein said adjustable wheel base comprises:

- a minimum wheel base in which said front wheels are closest to said rear wheels;
- and

- a maximum wheel base in which said front wheels are farthest from said rear wheels;

- wherein said adjustable wheel base is configured to lock in a plurality of positions within a range from said minimum wheel base and said maximum wheel base.

Claim 17 (New) The vehicle with the adjustable wheel base as in claim 12 wherein at said seat is configured for a plurality of people.

Claim 18 (New) A vehicle with an adjustable wheel base, comprising:

- a main frame connected to a vehicle seat including a front portion joined to front wheels at one end of said main frame in a longitudinal direction of the vehicle;

- rotating arms comprising upper ends and lower ends, said upper ends rotatably connected to locations of said main frame positioned farther away from said front portion than locations of said main frame that are connected to said front wheels, and said lower ends being connected to rear wheels;

- an operating apparatus comprising an installation portion pivotally connected to said main frame, and an operating portion interposed between said installation portion and said rotating arms and configured to move with respect to said installation portion;

- an upper arm including an upper arm upper end and an upper arm lower end;

- a lower arm including a lower arm upper end and a lower arm lower end;

- wherein said upper arm lower end is rotatably connected to said lower arm upper

end;

wherein said upper arm upper end is rotatably connected to a location of said main frame that is positioned farther away from said front portion than said locations of said main frame joined to said rotating arms;

wherein said lower arm lower end is connected to said rear wheels;

wherein said rear wheels are moved longitudinally relative to said front wheels due to the driving of said operating apparatus urging a position between the upper and lower ends of said rotating arms and rotating said rotating arms about said upper ends, causing a change in the adjustable wheel base; and

wherein an inclination of said vehicle seat connected to said main frame is changed in cooperation with said change in the adjustable wheel base.

Claim 19 (New) The vehicle with the adjustable wheel base as in claim 18 in which said upper arm comprises a first upper arm and a second upper arm;

wherein said first upper arm includes a first upper arm upper end and a first upper arm lower end;

wherein said second upper arm includes a second upper arm upper end and a second upper arm lower end;

wherein said first upper arm upper end and said second upper arm upper end are rotatably connected to corresponding locations positioned farther away from said front portion than said locations of said main frame joined to said rotating arms; and

wherein said first upper arm lower end and said second upper arm lower end are rotatably connected to said lower arm upper end.

Claim 20 (New) The vehicle with the adjustable wheel base as in claim 18, wherein said operating portion of said operating apparatus comprises:

a male screw member that is threaded on an outer circumferential surface and rotated by an electric motor, and

a female screw member that is threadably engaged with said male screw member and is configured to be unable to rotate relative to said main frame about said male screw member;

wherein said female screw member moves linearly on said male screw member due to a rotation of said male screw member; and

wherein said female screw member urges said position between the upper and lower ends of said rotating arms.